

New Records of Plant diseases in Sarawak for the year 1962

by

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LISTS OF plant disease records for Sarawak have been given by Johnston (1960) and Turner (1963). The present list consists of previously unrecorded diseases, together with a number of entomogenous fungi, noted or collected in Sarawak during the year 1962.

The causal organisms are arranged alphabetically under their individual hosts. The frequency of occurrence is given, together with the Commonwealth Mycological Institute Herbarium serial number, where the identification has been performed by the Institute.

Achras zapota L. (Sapodilla, Chiku)

Pink disease	<i>Corticium salmonicolor</i> Berk. & Br.	Occasional	—
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Amaranthus gangeticus L. (Bayam)

White rust	<i>Albugo bliti</i> (Biv.-Bern.) O. Kuntze	Occasional	95053
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Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	Occasional	—
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Anacardium occidentale L. (Cashew-nut)

Sooty mould	<i>Meliola anacardii</i> Zimm.	Occasional	93295a
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Annona muricata L. (Soursop)

Pink disease	<i>Corticium salmonicolor</i> Berk. & Br.	1 record	—
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Thread blight	<i>Marasmius scandens</i> Mass.	1 record	96183
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Sooty mould	<i>Trichopeltis pulchella</i> Speg.	1 record	93312
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Arachis hypogaea L. (Groundnut)

Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	Occasional	—
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Leaf spot	<i>Phyllosticta</i> species	1 record	96175
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Collar rot	<i>Sclerotium rolfsii</i> Sacc.	Occasional	—
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Artocarpus elastica Reinw. (Terap)

On leaves	<i>Cocconia spurcaria</i> (Berk. & Br.) v. Arx	1 record	93325c
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Sooty mould	<i>Irenopsis</i> species	1 record	93325a
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Artocarpus integra Merr. (Jack-fruit)

Thread blight	<i>Marasmius scandens</i> Mass.	1 record	96184
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Sooty mould	<i>Meliola artocarpi</i> Yates	1 record	95050a
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Averrhoa carambola L. (Carambola)			
Sooty mould	<i>Asterina venustula</i> Syd.	Common	93298a
Sooty mould	<i>Stomiopeltella nubecula</i> (Berk. & Curt.) Theiss.	1 record	93298b
Bambusa species (Bamboo)			
Thread blight	<i>Marasmius scandens</i> Mass.	1 record	98631
Benincasa cerifera Savi (Wax Gourd)			
Leaf rot	<i>Corticium solani</i> (Prill & Delacr.) Bourd. & Galz.	1 record	—
Bougainvillea species			
Thread blight	<i>Marasmius scandens</i> Mass.	1 record	98628
Leaf scorch	<i>Mycosphaerella</i> species	1 record	96182
Brassica alboglabra Bailey (Kai Lan, Chinese kale)			
Leaf spot	<i>Cercospora brassicicola</i> P. Henn.	1 record	93965
Leaf rot	<i>Corticium solani</i> (Prill & Delacr.) Bourd. & Galz.	Occasional	—
Brassica chinensis L. (Pak Choy, Chinese cabbage)			
Leaf rot	<i>Corticium solani</i> (Prill & Delacr.) Bourd. & Galz.	Occasional	—
Brassica rapa L. (Choy Sam)			
White rust	<i>Albugo candida</i> (Pers. ex Hook.) O. Kuntze	1 record	96170
Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	Occasional	—
Cajanus cajan (L.) Millsp. (Pigeon pea)			
Pink disease	<i>Corticium salmonicolor</i> Berk. & Br.	1 record	—
Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	1 record	—
Sooty mould	<i>Meliola</i> species	1 record	93322
Caladium humboldtii Schott			
Wilt	<i>Sclerotium rolfsii</i> Sacc.	1 record	—
Calopogonium mucunoides Desv.			
Sooty mould	<i>Meliola</i> species	1 record	93303
Camellia sinensis (L.) Kuntze (Tea)			
Thread blight	<i>Marasmius scandens</i> Mass.	1 record	93964
Sooty mould	<i>Tripospermum</i> species	1 record	98632
Capsicum annuum L. (Chilli)			
Fruit rot	<i>Colletotrichum capsici</i> (Syd.) Butler & Bisby	Common	96193
Leaf rot	<i>Corticium solani</i> (Prill. & Delacr. Bourd. & Galz.	Occasional	—
White root disease	<i>Fomes lignosus</i> (Klotzsch) Bres.	1 record	—
Leaf spot	<i>Glomerella cingulata</i> (Stonem.) Spauld. & Schrenk	Common	96172
Wilt	<i>Sclerotium rolfsii</i> Sacc.	1 record	—

Citrullus vulgaris L. (Water melon)

Anthracnose	<i>Colletotrichum lagenarium</i> (Pass.) Ell. & Halst.	Common	98643
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Citrus aurantifolia (Christm.) Swingle (Lime)

* Scab	<i>Elsinoe fawcettii</i> Bitanc. & Jenk.	Common	—
Sooty mould	<i>Meliola citricola</i> Syd.	Common	93953a

Citrus aurantium L. (Sour orange)

Scab	<i>Elsinoe fawcettii</i> Bitanc. & Jenk.	1 record	—
Sooty mould	<i>Meliola citricola</i> Syd.	Occasional	—

Citrus grandis (L.) Osb. (Pomelo)

Scab	<i>Elsinoe fawcettii</i> Bitanc. & Jenk.	1 record	—
* Root rot	<i>Sphaerostilbe repens</i> Berk. & Br.	1 record	—

Citrus limon (L.) Burm. f. (Lemon)

Scab	<i>Elsinoe fawcettii</i> Bitanc. & Jenk.	Occasional	—
Sooty mould	<i>Meliola citricola</i> Syd.	Occasional	—

Citrus nobilis Lour. (Mandarin)

Scab	<i>Elsinoe fawcettii</i> Bitanc. & Jenk.	Common	—
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Citrus paradisi Macf. (Grapefruit).

Scab	<i>Elsinoe fawcettii</i> Bitanc. & Jenk.	Occasional	—
Sooty mould	<i>Meliola citricola</i> Syd.	Occasional	—

Clerodendron paniculatum L. (Pagoda flower)

Sooty mould	<i>Meliola clerodendricola</i> P. Henn.	1 record	96174
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Clitoria ternatea L.

Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	1 record	98629
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Coffea arabica L. (Arabian coffee)

Pink disease	<i>Corticium salmonicolor</i> Berk. & Br.	1 record	—
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Coffea liberica Bull ex Hiern (Liberian coffee)

Sooty mould	<i>Annellophora</i> species	1 record	96179
Thread blight	<i>Marasmius scandens</i> Mass.	Occasional	96178

Coffea robusta Linden (Robusta coffee)

On fruit and branches	<i>Aschersonia</i> species	1 record	93296
Branch die-back	<i>Irpex flavus</i> Klotzsch	1 record	93297
Thread blight	<i>Marasmius scandens</i> Mass.	Occasional	96176

Coix lacryma-jobi L. (Job's tears)

Leaf spot	<i>Cercospora</i> species	1 record	95041b
Leaf spot	<i>Phyllachora coicis</i> P. Henn.	Occasional	95041a, 95048

(* Previously collected by P. C. Holliday : private communication Commonwealth Mycological Institute, 1962.)

Crotalaria anagyroides H.B. & K.

Pink disease	<i>Corticium salmonicolor</i> Berk. & Br.	Occasional	—
Sooty mould	<i>Meliola teramni</i> Syd.	1 record	92389
On stems	<i>Septobasidium</i> species	1 record	93308

Crotalaria quinquefolia L.

Rust	<i>Maravalia crotalariae</i> Syd.	1 record	98627
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Crotalaria striata DC.

Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	1 record	—
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Crotalaria usaramoensis Baker f.

Pink disease	<i>Corticium salmonicolor</i> Berk. & Br.	1 record	—
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Cucumis sativus L. (Cucumber)

Leaf spot	<i>Colletotrichum lagenarium</i> (Pass.) Ell. & Halst.	Common	93951
Leaf disease	<i>Mycosphaerella melonis</i> (Pass.) Chiu & Walker	Occasional	93962

Cucurbita pepo DC. (Vegetable marrow)

Sooty mould	<i>Asteridiella confragosa</i> (H. & P. Syd.) Hansf.	Occasional	93955
Powdery mildew	<i>Oidium</i> species	Common	93956

Cymbopogon citratus Stapf. (Lemon grass)

Leaf scorch & tip die-back	<i>Curvularia andropogonis</i> (Zimm.) Boedijn	Occasional	95058b
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Dendrobium crumenatum Swartz (Pigeon orchid)

Horse hair blight	<i>Marasmius equicrinus</i> Müll.	1 record	—
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Derris elliptica Benth. (Tuba root)

Leaf spot	<i>Colletotrichum</i> species	1 record	93963
Sooty mould	<i>Microthyriella</i> species	1 record	96188c
Sooty mould	<i>Tripospermum</i> species	1 record	96188a

Desmodium species

Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	1 record	—
Sooty mould	<i>Meliola</i> species	1 record	93290

Dioscorea alata L. (Yam)

Leaf mould	<i>Cercospora pachyderma</i> Syd.	1 record	93291a
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Dioscorea bulbifera L. (Potato yam)

Rust	<i>Goplana dioscoreae</i> Cumm.	1 record	95052
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Dolichos lablab L. (Egyptian kidney bean)

Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	Occasional	—
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Durio zibethinus Murr. (Durian)

On leaves	<i>Aschersonia</i> species	1 record	—
Leaf scorch	<i>Botryodiplodia theobromae</i> Pat.	1 record	95046
Sooty mould	<i>Capnodium moniliforme</i> Fraser	1 record	96187
Leaf scorch	<i>Glomerella cingulata</i> (Stonem.) Spauld. & Schrenk	1 record	92392
Leaf mould	<i>Helminthosporium capense</i> Thuem.	1 record	95051
Thread blight	<i>Marasmius scandens</i> Mass.	1 record	95049
Sooty mould	<i>Meliola durionis</i> Hansf.	1 record	93305
Seeding die-back	<i>Perisporium</i> species	1 record	93301

Euchlaena mexicana Schrad. (Teosinte)

Leaf scorch	<i>Cochliobolus heterotrophus</i> (Drechl.) Drechl.	1 record	98641
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Eugenia malaccensis L. (Malay apple)

Sooty mould	<i>Asterostomula</i> species	1 record	93954
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Eugenia species

Sooty mould	<i>Lembosia eugeniae</i> Rehm	1 record	92385
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Flemingia congesta Roxb.

Leaf blight	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	Occasional	93317
White root disease	<i>Fomes lignosus</i> (Klotzsch) Bres.	1 record	—

Gardenia augusta Merr.

Leaf blight	<i>Corticium</i> ? <i>solani</i> (Prill. & Delacr.) Bourd. & Galz.	1 record	96181a
Thread blight	<i>Marasmius scandens</i> Mass.	1 record	96180a

Gerbera jamesonii Bolus (Berberton daisy)

Leaf spot	<i>Mycosphaerella</i> species	1 record	92390b
Leaf spot	<i>Septoria gerberae</i> Syd.	1 record	92390a

Gliricidia sepium Steud.

Leaf spot	<i>Cercospora gliricidiae</i> Syd.	Occasional	98640c
Sooty mould	<i>Meliola gliricidiae</i> Syd.	Occasional	98640a

Glycine javanica L.

Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	1 record	—
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Glycine max (L.) Merr. (Soya bean)

Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	1 record	—
Wilt and pod rot	<i>Sclerotium rolfsii</i> Sacc.	1 record	96177

Hevea brasiliensis Muell. Arg. (Rubber)

Leaf disease	<i>Colletotrichum brachytrichum</i> Delacr.	1 record	93293
Leaf scorch	<i>Didymosphaeria</i> species	1 record	93316
Sooty mould	<i>Chaetothyrium annonicola</i> Hansf.	1 record	96186a

Hibiscus mutabilis L. (Rose of Sharon)

On branches	<i>Septobasidium</i> species	1 record	—
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Impatiens balsamina L. (Balsam)				
Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	1 record	—	
Indigofera endecaphylla Jacq.				
Stem and leaf rot	<i>Sclerotium rolfsii</i> Sacc.	1 record	98642	
Ixora species				
Leaf scorch	<i>Colletotrichum</i> species	1 record	93319	
Sooty mould	<i>Phaeosaccardinula javanica</i> (Zimm.) Yamamoto	1 record	93289	
Jasminum sambac Ait. (Jasmine)				
Sooty mould	<i>Meliola jasmini</i> Hansf. & Stev.	Common	96173	
Lactuca indica L. (Indian lettuce)				
Leaf spot	<i>Cercospora longissima</i> Cugini ex Traverso	Common	93958	
Lagenaria vulgaris Ser. (Bottle gourd)				
Leaf spot	<i>Colletotrichum lagenarium</i> (Pass.) Ell. & Halst.	Common	95057	
Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	1 record	—	
Leaf spot	<i>Phyllosticta</i> species	1 record	96171	
Luffa acutangula Roxb. (Angled loofah)				
Stem rot	<i>Mycosphaerella melonis</i> (Pass.) Chiu & Walker	Occasional	—	
Fruit rot	<i>Pythium aphanidermatum</i> (Edson) Fitzpatr.	1 record	—	
Mangifera foetida Lour. (Horse mango)				
Sooty mould	<i>Atichia millardeti</i> Rac.	1 record	93288b	
Leaf spot	<i>Colletotrichum</i> species	1 record	93961	
Sooty mould	<i>Phaeosaccardinula javanica</i> (Zimm.) Yamamoto	1 record	93288a	
Mangifera indica L. (Mango)				
Sooty mould	<i>Chaetothyrium mangiferae</i> Bat. & Lima	1 record	93949a	
Manihot utilissima Pohl. (Cassava)				
Leaf spot	<i>Corynespora cassiicola</i> (Berk. & Curt.) Wei	1 record	92386b	
Leaf spot	<i>Glomerella cingulata</i> (Stonem.) Spauld. & Schrenk	1 record	92386d	
Leaf spot	<i>Periconia</i> species	1 record	92386c	
On stem	<i>Septobasidium</i> species	1 record	93318	
Maranta arundinacea L. (Arrowroot)				
Wilt	<i>Sclerotium rolfsii</i> Sacc.	1 record	—	
Myristica fragrans L. (Nutmeg)				
Sooty mould	<i>Asteridiella</i> species	1 record	98630a	
Leaf mould	<i>Septobasidium</i> species	1 record	98630b	
Nephelium lappaceum L. (Rambutan)				
White root disease	<i>Fomes lignosus</i> (Klotzsch) Bres.	1 record	—	
Nephelium longana Camb. (Longan)				
Sooty mould	<i>Stomiopeltella nubecula</i> (Berk. & Curt.) Thæiss.	1 record	93313	

Nephelium mutabile Blume (Pulasan)			
Thread blight	<i>Marasmius scandens</i> Mass.	1 record	93314
Nerium oleander L. (Oleander)			
Thread blight	<i>Marasmius scandens</i> Mass.	1 record	96191
Nicotiana tabacum L. (Tobacco)			
Damping-off	<i>Pythium aphanidermatum</i> (Edson) Fitzpatr.	1 record	—
Oryza sativa L.			
Leaf spot	<i>Nigrospora oryzae</i> (Berk & Br.) Petch	Common	—
Phaseolus aureus Roxb. (Green gram)			
Leaf spot	<i>Ascochyta phaseolorum</i> Sacc.	1 record	98633b
Leaf spot	<i>Cercospora canescens</i> Ell. & Mart.	1 record	98633a
Leaf rot	<i>Corticium solani</i> (Prill & Delacr.) Bourd. & Galz.	1 record	—
Phaseolus lunatus L. (Lima bean)			
Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	1 record	—
Phaseolus vulgaris L. (French bean)			
Rust	<i>Uromyces appendiculatus</i> (Pers.) Unger	Common	93957b
Piper betle L. (Sireh)			
Sooty mould	<i>Asterina piperina</i> Syd.	Occasional	93302 & 93309
Foot rot	<i>Phytophthora</i> species	1 record	—
Piper nigrum L. (Pepper)			
Associated with die-back	<i>Botryodiplodia theobro- mae</i> Pat.	1 record	—
Leaf scorch	<i>Colletotrichum capsici</i> (Syd.) Butler & Bisby	Common	98636
Leaf blight	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	Occasional	95043
Disease of lateral branches	<i>Irpex flavus</i> Klotzsch	1 record	93300b
Horse hair blight	<i>Marasmius equicrinus</i> Müll.	Occasional	93320 & 93321
On lateral branches	<i>Septobasidium</i> species	1 record	93299 & 93300a
Plumeria rubra L.			
Leaf spot	<i>Cercospora</i> species	1 record	95060b
Psidium cattleianum Sabine (Purple guava)			
Horse hair blight	<i>Marasmius equicrinus</i> Müll.	1 record	—
Psidium guajava L. (Guava)			
Sooty mould	<i>Capnodium moniliforme</i> Fraser	1 record	96190b
Sooty mould	<i>Chaetothyrium annoni- cola</i> Hansf.	1 record	96190a
Psophocarpus tetragonolobus DC. (Four-angled bean)			
Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	1 record	—
Pueraria phaseoloides Benth.			
Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	1 record	—

Raphanus sativus L. var. hortensis Backer (Chinese radish)			
Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	Common	—
Ricinus communis L. (Castor-oil plant)			
Leaf spot	<i>Cercospora ricinella</i> Sacc. & Berl.	1 record	95045
Rosa species (Rose)			
Leaf scorch	<i>Mycosphaerella rosigena</i> (Ell. & Ev.) Lindau ex McMurrin var. <i>madagascariensis</i> (Bouriquet) Wallace	1 record	95042
Saccharum officinarum L. (Sugar cane)			
Leaf spot	<i>Leptosphaeria</i> species	1 record	93306b
Leaf spot	<i>Phyllachora sacchari</i> P. Henn.	1 record	93306a
Sauropus androgynus Merr. (Changkok manis)			
Sooty mould	<i>Asteridiella</i> species	Occasional	93304
Die-back	<i>Colletotrichum capsici</i> (Syd.) Butler & Bisby	Occasional	92391b
Sesamum indicum L. (Sesame)			
Powdery mildew	<i>Oidium</i> species	1 record	93966
Solanum melongena L. (Brinjal)			
Leaf spot	<i>Myrothecium roridum</i> Tode ex Fr.	Occasional	98639
Stylosanthes gracilis H.B. & K. (Stylo)			
Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	1 record	—
Tephrosia candida DC.			
Rust	<i>Ravenelia tephrosiicola</i> Hirats.	1 record	95054
Thunbergia erecta (Benth.) T. Anders			
Pink disease	<i>Corticium salmonicolor</i> Br. & Berk.	1 record	—
Thread blight	<i>Marasmius scandens</i> Mass.	1 record	93324
Vigna sinensis Savi (Long bean)			
Leaf rot	<i>Corticium solani</i> (Prill. & Delacr.) Bourd. & Galz.	Common	—
Leaf spot	<i>Corynespora cassiicola</i> (Berk. & Curt.) Wei	1 record	93950b
Wilt	<i>Sclerotium rolfsii</i> Sacc.	1 record	—
Zinnia elegans Jacq. (Zinnia)			
Leaf spot	<i>Cercospora zinniae</i> Ell. & Mart.	Common	96185

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